Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 17 Mar 2023 until 23:59 on Saturday 18 Mar 2023

Forecast Issued on Thursday 16 Mar 2023 at 15:06

Confidence: High for mild and showery conditions through Friday and Saturday then for a window for more settled weather on Sunday. Some uncertainty in the timings of rain from late Sunday onwards so please keep up to date with the forecast.

Headline for Friday 17 Mar 2023: A cloudy start but brightening up. Scattered heavy showers developing. Breezy on the tops. Mild.

Mountain weather hazards on Friday 17 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Fog	Fog	Sunny intervals	Heavy rain showers	Light rain showers	Light rain showers (night)
Precipitation probability							
20%	20%	30%	40%	40%	60%	60%	60%

Forecast for Friday 17 Mar 2023

Weather: A mild night with clear spells and areas of low cloud. A dry morning with bright or sunny spells developing. A bright afternoon with sunny spells and scattered showers, some heavy with a very small chance of hail and thunder but moving through quickly. Mostly cloudy with further showers in the evening.

Chance of cloud-free hill tops above 600m: 30% to start the morning, best chance in east. Improving to 70% by afternoon.

Low cloud and visibility: Areas of fog and low cloud above 400m overnight and in the morning, mainly over western hills, with patches on lower slopes. Cloud lifting and breaking by the afternoon with most summits clearing. Away from cloud, mainly good but briefly less than 10km in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Friday 17 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/31 SW	20/29 SW	17/25 S	17/24 S	15/22 SW	13/19 S	15/22 S	16/23 S	15/22 S
300	14/23 S	13/21 S	13/21 S	15/22 S	13/20 SW	11/18 S	11/18 S	10/18 S	10/17 S
Valley	9/23 S	7/20 S	7/20 S	8/18 S	10/19 S	7/15 S	7/17 S	7/18 S	6/16 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	6/2	6/2	8/4	8/5	7/4	7/2	6/2
300	8/5	8/5	8/4	8/5	10/8	11/8	10/7	9/6	8/6
Valley	8/6	8/6	7/5	9/7	11/9	12/10	10/9	9/8	9/7
Freezing Level*	1400m	1400m	1300m	1400m	1400m	1600m	1700m	1700m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A breezy but mild day in the hills with a few showers developing.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 16 Mar 2023	9.6mm	13.6mm	36mm

Forecast for Saturday 18 Mar 2023

Weather: Mainly cloudy start but bright or sunny spells developing through the morning. Cloud will bubble up to bring a few showers in the afternoon, some heavy and possibly thundery. Becoming dry with skies clearing in the evening.

Maximum wind: South or Southwest 10-15mph, gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 40%, becoming 80% through the morning.

Low cloud and visibility: Areas of low cloud and fog above 500m with patches on lower slopes, lifting above summits by the afternoon. Generally good visibility away from cloud but lowering to less than 10km in any showers.

Temperature: **Valleys:** 8C, rising to 12C, falling to 3C in evening.
At 600m: Plus 6 or 7C, falling to Plus 2C during evening.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.